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* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 20 Powerful new interactive analysis and visualization software,
STN AnaVist, now available
NEWS 4 AUG 11 STN AnaVist workshops to be held in North America
NEWS 5 AUG 30 CA/Caplus -Increased access to 19th century research documents
NEWS 6 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 7 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY
NEWS 8 OCT 03 MATHDI removed from STN
NEWS 9 OCT 04 CA/Caplus-Canadian Intellectual Property Office (CIPO) added
to core patent offices

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005

=> file medline, agricola, caba, caplus, biosis, biotechno		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 15:29:53 ON 04 OCT 2005

FILE 'AGRICOLA' ENTERED AT 15:29:53 ON 04 OCT 2005

FILE 'CABA' ENTERED AT 15:29:53 ON 04 OCT 2005
COPYRIGHT (C) 2005 CAB INTERNATIONAL (CABI)

FILE 'CAPLUS' ENTERED AT 15:29:53 ON 04 OCT 2005
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FILE 'BIOSIS' ENTERED AT 15:29:53 ON 04 OCT 2005

FILE 'BIOTECHNO' ENTERED AT 15:29:53 ON 04 OCT 2005

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=> s (rock, c? or rock c?)/au

L1 1340 (ROCK, C? OR ROCK C?)/AU

=> s (gampala, s?or gampala s?)/a

SAVED ANSWER SET NAME MAY NOT BE USED IN QUERIES '/A'

Saved answer sets must be activated before they are used in search profiles. This must be done in the same file in which they were created. Use the FILE command to change files if necessary, then enter "ACTIVATE" followed by the saved name (including /A) at an arrow prompt (=>). Use the L# assigned to the answer set in your search profile.

=> s (gampala, s? or gampala s?)/au

L2 26 (GAMPALA, S? OR GAMPALA S?)/AU

=> s l1 and l2

L3 19 L1 AND L2

=> duplicate remove l3

DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L3

L4 6 DUPLICATE REMOVE L3 (13 DUPLICATES REMOVED)

=> d l4 1-6 ti

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

TI Methods for enhancing transgenic plant stress resistance by regulating abscisic acid-inducible gene expression using ABI-5 and Viviparous-1-like transcription factors

L4 ANSWER 2 OF 6 MEDLINE on STN

DUPLICATE 1

TI ABI5 interacts with abscisic acid signaling effectors in rice protoplasts.

L4 ANSWER 3 OF 6 MEDLINE on STN

DUPLICATE 2

TI Abscisic acid signaling in seeds and seedlings.

L4 ANSWER 4 OF 6 CABA COPYRIGHT 2005 CABI on STN

TI Abscisic acid signaling in seeds and seedlings
Special issue: Signal transduction..

L4 ANSWER 5 OF 6 MEDLINE on STN

DUPLICATE 3

TI Functional interactions of lanthanum and phospholipase D with the abscisic acid signaling effectors VP1 and ABI1-1 in rice protoplasts.

L4 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

TI ABA INSENSITIVE-5 transactivates abscisic acid-inducible gene expression in rice protoplasts.

=> d l4 1-6 bib

L4 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:735408 CAPLUS

DN 143:209092

TI Methods for enhancing transgenic plant stress resistance by regulating abscisic acid-inducible gene expression using ABI-5 and Viviparous-1-like transcription factors

IN Rock, Christopher Dale; Gampala, Srinivas S. L.

PA USA

SO U.S. Pat. Appl. Publ., 12 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005177893	A1	20050811	US 2003-629907	20030730
	US 2005193443	A1	20050901	US 2004-996058	20041124
PRAI	US 2002-399565P	P	20020730		
	US 2003-629907	A2	20030730		

L4 ANSWER 2 OF 6 MEDLINE on STN DUPLICATE 1
 AN 2002077362 MEDLINE
 DN PubMed ID: 11704678
 TI ABI5 interacts with abscisic acid signaling effectors in rice protoplasts.
 AU **Gampala Srinivas S L; Finkelstein Ruth R; Sun Samuel S M; Rock Christopher D**
 CS Department of Biology, Hong Kong University of Science and Technology,
 Clear Water Bay, Kowloon, Hong Kong, China.
 SO Journal of biological chemistry, (2002 Jan 18) 277 (3) 1689-94.
 Electronic Publication: 2001-11-09.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200202
 ED Entered STN: 20020128
 Last Updated on STN: 20030111
 Entered Medline: 20020213

L4 ANSWER 3 OF 6 MEDLINE on STN DUPLICATE 2
 AN 2002304253 MEDLINE
 DN PubMed ID: 12045268
 TI Absciscic acid signaling in seeds and seedlings.
 AU Finkelstein Ruth R; **Gampala Srinivas S L; Rock Christopher D**
 CS Department of Molecular, Cellular, and Developmental Biology, University
 of California at Santa Barbara, Santa Barbara, CA 93106, USA..
 finkelst@lifesci.ucsb.edu
 SO Plant cell, (2002) 14 Suppl S15-45. Ref: 288
 Journal code: 9208688. ISSN: 1040-4651.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 General Review; (REVIEW)
 (REVIEW, TUTORIAL)
 LA English
 FS Priority Journals
 EM 200207
 ED Entered STN: 20020605
 Last Updated on STN: 20020731
 Entered Medline: 20020730

L4 ANSWER 4 OF 6 CABA COPYRIGHT 2005 CABI on STN
 AN 2002:145723 CABA
 DN 20023093490
 TI Absciscic acid signaling in seeds and seedlings
 Special issue: Signal transduction.
 AU Finkelstein, R. R.; **Gampala, S. S. L.; Rock, C. D.**
 CS Department of Molecular, Cellular, and Developmental Biology, University
 of California at Santa Barbara, Santa Barbara, CA 93106, USA.
 finkelst@lifesci.ucsb.edu
 SO Plant Cell, (2002) Vol. 14, No. Supplement, pp. s15-s45. many ref.
 Publisher: American Society of Plant Biologists. Rockville
 ISSN: 1040-4651
 CY United States
 DT Journal
 LA English
 ED Entered STN: 20020905
 Last Updated on STN: 20020905

L4 ANSWER 5 OF 6 MEDLINE on STN DUPLICATE 3

AN 2001169948 MEDLINE
 DN PubMed ID: 11139577
 TI Functional interactions of lanthanum and phospholipase D with the abscisic acid signaling effectors VP1 and ABI1-1 in rice protoplasts.
 AU **Gampala S S**; Hagenbeek D; **Rock C D**
 CS Department of Biology, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong, China.
 SO Journal of biological chemistry, (2001 Mar 30) 276 (13) 9855-60.
 Electronic Publication: 2001-01-03.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200105
 ED Entered STN: 20010517
 Last Updated on STN: 20030105
 Entered Medline: 20010510

L4 ANSWER 6 OF 6 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN
 AN 2003:21731 BIOSIS
 DN PREV200300021731
 TI ABA INSENSITIVE-5 transactivates abscisic acid-inducible gene expression in rice protoplasts.
 AU **Gampala, Srinivas S. L.** [Reprint Author]; **Rock, Christopher D.** [Reprint Author]; Finkelstein, Ruth R.
 CS Department of Biology, Hong Kong University of Science and Technology, Hong Kong, China
 srini@ust.hk
 SO Plant Biology (Rockville), (2001) Vol. 2001, pp. 148. print.
 Meeting Info.: Joint Annual Meetings of the American Society of Plant Biologists and the Canadian Society of Plant Physiologists. Providence, Rhode Island, USA. July 21-25, 2001. American Society of Plant Biologists; Canadian Society of Plant Physiologists.
 DT Conference; (Meeting)
 Conference; Abstract; (Meeting Abstract)
 LA English
 ED Entered STN: 1 Jan 2003
 Last Updated on STN: 1 Jan 2003

=> d his

(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 15:29:53 ON 04 OCT 2005

L1 1340 S (ROCK, C? OR ROCK C?)/AU
 L2 26 S (GAMPALA, S? OR GAMPALA S?)/AU
 L3 19 S L1 AND L2
 L4 6 DUPLICATE REMOVE L3 (13 DUPLICATES REMOVED)

=> s l1 or l2
 L5 1347 L1 OR L2

=> s l5 not l3
 L6 1328 L5 NOT L3

=> s abi(w)5 or vp(w)1 or viviparous(w)1
 L7 1340 ABI(W) 5 OR VP(W) 1 OR VIVIPAROUS(W) 1

=> s abi(w)5 or vp(w)1 or viviparous(w)1 or abi5 or abi-5 or vp1 or vp-1
 L8 11862 ABI(W) 5 OR VP(W) 1 OR VIVIPAROUS(W) 1 OR ABI5 OR ABI-5 OR VP1 OR VP-1

=> s l6 and l8
 L9 13 L6 AND L8

=> duplicate remove l9

DUPLICATE PREFERENCE IS 'MEDLINE, CABA, CAPLUS, BIOSIS, BIOTECHNO'

KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L9

L10 5 DUPLICATE REMOVE L9 (8 DUPLICATES REMOVED)

=> d l10 1-5 ti

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

TI Transcription factors, DNA and methods for introduction of value-added seed traits and stress tolerance in plants

L10 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1

TI Quantitative analysis by flow cytometry of abscisic acid-inducible gene expression in transiently transformed rice protoplasts.

L10 ANSWER 3 OF 5 MEDLINE on STN

TI Trivalent ions activate abscisic acid-inducible promoters through an ABI1-dependent pathway in rice protoplasts.

L10 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 2

TI A conserved domain of the **viviparous-1** gene product enhances the DNA binding activity of the bZIP protein EmBP-1 and other transcription factors.

L10 ANSWER 5 OF 5 CABA COPYRIGHT 2005 CABI on STN

TI Insensitivity is in the genes.

=> d l10 1-5 bib

L10 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2005:963868 CAPLUS

DN 143:243030

TI Transcription factors, DNA and methods for introduction of value-added seed traits and stress tolerance in plants

IN Dale, Rock Christopher; **Gampala, Srinivas Satyalinga**

PA Ttu D-0426, USA

SO U.S. Pat. Appl. Publ., 88 pp., Cont.-in-part of U.S. Ser. No. 629,907. CODEN: USXXCO

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005193443	A1	20050901	US 2004-996058	20041124
	US 2005177893	A1	20050811	US 2003-629907	20030730
PRAI	US 2002-399565P	P	20020730		
	US 2003-629907	A2	20030730		

L10 ANSWER 2 OF 5 MEDLINE on STN DUPLICATE 1

AN 2001696126 MEDLINE

DN PubMed ID: 11746085

TI Quantitative analysis by flow cytometry of abscisic acid-inducible gene expression in transiently transformed rice protoplasts.

AU Hagenbeek D; **Rock C D**

CS Department of Biology, Hong Kong University of Science and Technology, Kowloon, Hong Kong, China.

SO Cytometry : journal of the Society for Analytical Cytology, (2001 Nov 1) 45 (3) 170-9.

Journal code: 8102328. ISSN: 0196-4763.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200202

ED Entered STN: 20011218

Last Updated on STN: 20020223

Entered Medline: 20020222

L10 ANSWER 3 OF 5 MEDLINE on STN
 AN 2000498117 MEDLINE
 DN PubMed ID: 10938371
 TI Trivalent ions activate abscisic acid-inducible promoters through an ABI1-dependent pathway in rice protoplasts.
 AU Hagenbeek D; Quatrano R S; **Rock C D**
 CS Department of Biology, Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong, China.
 SO Plant physiology, (2000 Aug) 123 (4) 1553-60.
 Journal code: 0401224. ISSN: 0032-0889.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals; Space Life Sciences
 EM 200010
 ED Entered STN: 20001027
 Last Updated on STN: 20001027
 Entered Medline: 20001018

L10 ANSWER 4 OF 5 MEDLINE on STN DUPLICATE 2
 AN 96216426 MEDLINE
 DN PubMed ID: 8631935
 TI A conserved domain of the **viviparous-1** gene product enhances the DNA binding activity of the bZIP protein EmBP-1 and other transcription factors.
 AU Hill A; Nantel A; **Rock C D**; Quatrano R S
 CS Department of Biology, University of North Carolina, Chapel Hill, North Carolina 27599-3280, USA.
 NC GM13588-02 (NIGMS)
 GM14752 (NIGMS)
 GM44288 (NIGMS)
 SO Journal of biological chemistry, (1996 Feb 16) 271 (7) 3366-74.
 Journal code: 2985121R. ISSN: 0021-9258.
 CY United States
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 199607
 ED Entered STN: 19960715
 Last Updated on STN: 19960715
 Entered Medline: 19960702

L10 ANSWER 5 OF 5 CABA COPYRIGHT 2005 CABI on STN
 AN 95:56752 CABA
 DN 19951602745
 TI Insensitivity is in the genes
 AU **Rock, C. D.**; Quatrano, R. S.
 CS Department of Biology, University of North Carolina, Chapel Hill, NC 27599-3280, USA.
 SO Current Biology, (1994) Vol. 4, No. 11, pp. 1013-1015. 17 ref.
 ISSN: 0960-9822
 DT Journal
 LA English
 ED Entered STN: 19950313
 Last Updated on STN: 19950313

=> d his

(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 15:29:53 ON 04 OCT 2005

L1 1340 S (ROCK, C? OR ROCK C?)/AU
 L2 26 S (GAMPALA, S? OR GAMPALA S?)/AU
 L3 19 S L1 AND L2
 L4 6 DUPLICATE REMOVE L3 (13 DUPLICATES REMOVED)
 L5 1347 S L1 OR L2
 L6 1328 S L5 NOT L3

```

L7      1340 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1
L8      11862 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1 OR ABI5 OR ABI-5 OR VP1 O
L9      13 S L6 AND L8
L10     5 DUPLICATE REMOVE L9 (8 DUPLICATES REMOVED)

=> s l8 not l5
L11     11837 L8 NOT L5

=> s l11 and plant
L12     687 L11 AND PLANT

=> s l12 and (stress or abscisic)
L13     448 L12 AND (STRESS OR ABSCISIC)

=> s l13 and expression
L14     330 L13 AND EXPRESSION

=> s l14 and transgenic
L15     73 L14 AND TRANSGENIC

=> duplicate remove l15
DUPLICATE PREFERENCE IS 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L15
L16     28 DUPLICATE REMOVE L15 (45 DUPLICATES REMOVED)

=> d l16 1-10 ti

L16     ANSWER 1 OF 28  CAPLUS  COPYRIGHT 2005 ACS on STN
TI      Polynucleotide and polypeptide sequences for Zea mays RNA splicing factors
        SRp30-SRp32 and uses thereof

L16     ANSWER 2 OF 28      MEDLINE on STN                      DUPLICATE 1
TI      Characterization of three homologous basic leucine zipper transcription
        factors (bZIP) of the ABI5 family during Arabidopsis thaliana
        embryo maturation.

L16     ANSWER 3 OF 28      MEDLINE on STN                      DUPLICATE 2
TI      A gymnosperm ABI3 gene functions in a severe abscisic
        acid-insensitive mutant of Arabidopsis (abi3-6) to restore the wild-type
        phenotype and demonstrates a strong synergistic effect with sugar in the
        inhibition of post-germinative growth.

L16     ANSWER 4 OF 28  CAPLUS  COPYRIGHT 2005 ACS on STN
TI      Interaction of PvALF and VP1 B3 domains with the
         $\beta$ -phaseolin promoter

L16     ANSWER 5 OF 28      MEDLINE on STN                      DUPLICATE 3
TI      Analysis of an activated ABI5 allele using a new selection
        method for transgenic Arabidopsis seeds.

L16     ANSWER 6 OF 28      MEDLINE on STN                      DUPLICATE 4
TI      The 5' UTR negatively regulates quantitative and spatial
        expression from the ABI3 promoter.

L16     ANSWER 7 OF 28      MEDLINE on STN                      DUPLICATE 5
TI      S phase progression is required for transcriptional activation of the
        beta-phaseolin promoter.

L16     ANSWER 8 OF 28      MEDLINE on STN                      DUPLICATE 6
TI      Viviparous1 alters global gene expression patterns through
        regulation of abscisic acid signaling.

L16     ANSWER 9 OF 28      MEDLINE on STN                      DUPLICATE 7
TI      The Arabidopsis thaliana homeobox gene ATHB5 is a potential regulator of
        abscisic acid responsiveness in developing seedlings.

L16     ANSWER 10 OF 28     MEDLINE on STN                      DUPLICATE 8
TI      AFP is a novel negative regulator of ABA signaling that promotes

```

ABI5 protein degradation.

=> d 116 2,4,5,8,9 bib

L16 ANSWER 2 OF 28 MEDLINE on STN DUPLICATE 1
AN 2005058863 MEDLINE
DN PubMed ID: 15642716
TI Characterization of three homologous basic leucine zipper transcription factors (bZIP) of the **ABI5** family during Arabidopsis thaliana embryo maturation.
AU Bensmihen Sandra; Giraudat Jerome; Parcy Francois
CS Institut des Sciences du Vegetal, UPR 2355 CNRS, 1. avenue de la terrasse, 91198 Gif-sur-Yvette cedex, France.. sandra.bensmihen@bbsrc.ac.uk
SO Journal of experimental botany, (2005 Feb) 56 (412) 597-603. Electronic Publication: 2005-01-10.
Journal code: 9882906. ISSN: 0022-0957.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200505
ED Entered STN: 20050203
Last Updated on STN: 20050510
Entered Medline: 20050509

L16 ANSWER 4 OF 28 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2005:15210 CAPLUS
DN 142:387067
TI Interaction of PvALF and **VP1** B3 domains with the β -phaseolin promoter
AU Carranco, Raul; Chandrasekharan, Mahesh B.; Townsend, James C.; Hall, Timothy C.
CS Institute of Developmental and Molecular Biology and Department of Biology, Texas A and M University, College Station, TX, 77843-3155, USA
SO Plant Molecular Biology (2004), 55(2), 221-237
CODEN: PMBIDB; ISSN: 0167-4412
PB Kluwer Academic Publishers
DT Journal
LA English

RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L16 ANSWER 5 OF 28 MEDLINE on STN DUPLICATE 3
AN 2004122587 MEDLINE
DN PubMed ID: 15013763
TI Analysis of an activated **ABI5** allele using a new selection method for **transgenic** Arabidopsis seeds.
AU Bensmihen Sandra; To Alexandra; Lambert Guillaume; Kroj Thomas; Giraudat Jerome; Parcy Francois
CS Institut des Sciences du Vegetal, UPR 2355 CNRS, 1, Av. de la terrasse, 91198 Gif-sur-Yvette Cedex, France.
SO FEBS letters, (2004 Mar 12) 561 (1-3) 127-31.
Journal code: 0155157. ISSN: 0014-5793.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200405
ED Entered STN: 20040312
Last Updated on STN: 20040510
Entered Medline: 20040506

L16 ANSWER 8 OF 28 MEDLINE on STN DUPLICATE 6
AN 2003328604 MEDLINE
DN PubMed ID: 12857845
TI Viviparous1 alters global gene **expression** patterns through regulation of **abscisic** acid signaling.
AU Suzuki Masaharu; Ketterling Matthew G; Li Qin-Bao; McCarty Donald R

CS Plant Molecular and Cellular Biology Program, Horticultural Sciences
Department, University of Florida, Gainesville, Florida 32611, USA..
msuzuki@mail.ifas.ufl.edu
SO Plant physiology, (2003 Jul) 132 (3) 1664-77.
Journal code: 0401224. ISSN: 0032-0889.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200311
ED Entered STN: 20030715
Last Updated on STN: 20031108
Entered Medline: 20031107

L16 ANSWER 9 OF 28 MEDLINE on STN DUPLICATE 7
AN 2003161329 MEDLINE
DN PubMed ID: 12678559
TI The Arabidopsis thaliana homeobox gene ATHB5 is a potential regulator of
abscisic acid responsiveness in developing seedlings.
AU Johannesson Henrik; Wang Yan; Hanson Johannes; Engstrom Peter
CS Evolutionary Biology Center, Department of Physiological Botany,
Villavagen 6, 75236 Uppsala, Sweden.. henrik.johannesson@ebc.uu.se
SO Plant molecular biology, (2003 Mar) 51 (5) 719-29.
Journal code: 9106343. ISSN: 0167-4412.
CY Netherlands
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200304
ED Entered STN: 20030408
Last Updated on STN: 20030422
Entered Medline: 20030421

=> d 116 11-20 ti

L16 ANSWER 11 OF 28 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
TI ABI3 mediates **expression** of the peroxiredoxin antioxidant atPER1
gene and induction by oxidative **stress**.
L16 ANSWER 12 OF 28 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN
TI The **ABSCISIC** ACID INSENSITIVE 3 (ABI3) gene is modulated by
farnesylation and is involved in auxin signaling and lateral root
development in Arabidopsis.
L16 ANSWER 13 OF 28 MEDLINE on STN DUPLICATE 9
TI Role of an ABI3 homologue in dormancy maintenance of yellow-cedar seeds
and in the activation of storage protein and Em gene promoters.
L16 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2005 ACS on STN
TI Overexpression of **ABI5** in plants to prevent precocious seed
germination and to confer resistance to drought and high salt
L16 ANSWER 15 OF 28 MEDLINE on STN DUPLICATE 10
TI Transcripts of **Vp-1** homeologues are misspliced in
modern wheat and ancestral species.
L16 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 11
TI Regulation and role of the Arabidopsis **abscisic** acid-insensitive
5 gene in **abscisic** acid, sugar, and **stress** response.
L16 ANSWER 17 OF 28 CABA COPYRIGHT 2005 CABI on STN
TI **ABI5** acts downstream of ABI3 to execute an ABA-dependent growth

arrest,during germination.

L16 ANSWER 18 OF 28 MEDLINE on STN DUPLICATE 12
TI Temporal and spatial **expression** pattern of the OSVP1 and OSEM
genes during seed development in rice.

L16 ANSWER 19 OF 28 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN
TI A postgermination developmental arrest checkpoint is mediated by
abscisic acid and requires the **ABI5** transcription
factor in Arabidopsis

L16 ANSWER 20 OF 28 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2005) on STN DUPLICATE 13
TI Genetic control mechanisms regulating the initiation of germination.

=> d 116 14,16,1719,20 bib

28 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):14,16,17,19,20

L16 ANSWER 14 OF 28 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2002:754529 CAPLUS

DN 137:275963

TI Overexpression of **ABI5** in plants to prevent precocious seed
germination and to confer resistance to drought and high salt

IN Lopez-Molina, Luis; Mongrand, Sebastien; Chua, Nam-Hai

PA Rockefeller University, USA

SO PCT Int. Appl., 32 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002077163	A2	20021003	WO 2002-US7808	20020315
	WO 2002077163	A3	20031023		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2002174454	A1	20021121	US 2001-813352	20010321
PRAI	US 2001-813352	A	20010321		

L16 ANSWER 16 OF 28 MEDLINE on STN DUPLICATE 11

AN 2002422538 MEDLINE

DN PubMed ID: 12177466

TI Regulation and role of the Arabidopsis **abscisic** acid-insensitive
5 gene in **abscisic** acid, sugar, and **stress** response.

AU Brocard Ines M; Lynch Tim J; Finkelstein Ruth R

CS Department of Molecular, Cellular, and Developmental Biology, University
of California, Santa Barbara, California 93106, USA.

SO Plant physiology, (2002 Aug) 129 (4) 1533-43.

Journal code: 0401224. ISSN: 0032-0889.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

EM 200212

ED Entered STN: 20020815

Last Updated on STN: 20030128

Entered Medline: 20021203

L16 ANSWER 17 OF 28 CABA COPYRIGHT 2005 CABI on STN

AN 2003:8061 CABA

DN 20023171162

TI **ABI5** acts downstream of **ABI3** to execute an ABA-dependent growth arrest during germination

AU Lopez-Molina, L.; Mongrand, S.; McLachlin, D. T.; Chait, B. T.; Chua, N. H.

CS Laboratory of Plant Molecular Biology, The Rockefeller University, 1230 York Avenue, New York, NY 10021-6399, USA. chua@rockvax.rockefeller.edu

SO Plant Journal, (2002) Vol. 32, No. 3, pp. 317-328. 43 ref.

Publisher: Blackwell Science. Oxford

ISSN: 0960-7412

CY United Kingdom

DT Journal

LA English

ED Entered STN: 20030110

Last Updated on STN: 20030110

L16 ANSWER 19 OF 28 BIOTECHNO COPYRIGHT 2005 Elsevier Science B.V. on STN

AN 2001:32295053 BIOTECHNO

TI A postgermination developmental arrest checkpoint is mediated by **abscisic** acid and requires the **ABI5** transcription factor in Arabidopsis

AU Lopez-Molina L.; Mongrand S.; Chua N.-H.

CS L. Lopez-Molina, Lab. of Plant Molecular Biology, Rockefeller University, 1230 York Avenue, New York, NY 10021-6399, United States.

E-mail: lopezl@rockvax.rockefeller.edu

SO Proceedings of the National Academy of Sciences of the United States of America, (10 APR 2001), 98/8 (4782-4787), 24 reference(s)

CODEN: PNASA6 ISSN: 0027-8424

DT Journal; Article

CY United States

LA English

SL English

L16 ANSWER 20 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN DUPLICATE 13

AN 2002:25632 AGRICOLA

DN IND23256947

TI Genetic control mechanisms regulating the initiation of germination.

AU Holdsworth, M.; Lenton, J.; Flintham, J.; Gale, M.; Kurup, S.; McKibbin, R.; Bailey, P.; Lerner, V.; Russell, L.

SO Journal of plant physiology, Apr 2001. Vol. 158, No. 4. p. 439-445

Publisher: Stuttgart ; New York : G. Fischer,

CODEN: JPPHEY; ISSN: 0176-1617

NTE Paper presented at the 8th International Symposium on **Plant** Seeds / 5th Gatersleben Research Conference held August 27-31, 2000, Gatersleben/Meisdorf.

Includes references

CY Germany

DT Article

FS Non-U.S. Imprint other than FAO

LA English

=> d 116 21-28 ti

L16 ANSWER 21 OF 28 CABA COPYRIGHT 2005 CABI on STN DUPLICATE 14

TI Acquisition of desiccation tolerance by cultured carrot cells upon ectopic **expression** of C-**ABI3**, a carrot homolog of **ABI3**.

L16 ANSWER 22 OF 28 MEDLINE on STN DUPLICATE 15

TI Transactivation of the Brassica napus napin promoter by **ABI3** requires interaction of the conserved B2 and B3 domains of **ABI3** with different cis-elements: B2 mediates activation through an ABRE, whereas B3 interacts

with an RY/G-box.

- L16 ANSWER 23 OF 28 CAPLUS COPYRIGHT 2005 ACS on STN
TI Transgene identification in **transgenic** seeds using screenable markers linked to aleurone-specific promoters
- L16 ANSWER 24 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI A bZIP factor, TRAB1, interacts with **VP1** and mediates **abscisic** acid-induced transcription.
- L16 ANSWER 25 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Signaling from the embryo conditinos **vp1**-mediated repression of alpha-amylase genes in the aleurone of developing maize seeds.
- L16 ANSWER 26 OF 28 MEDLINE on STN DUPLICATE 16
TI C-ABI3, the carrot homologue of the Arabidopsis ABI3, is expressed during both zygotic and somatic embryogenesis and functions in the regulation of embryo-specific ABA-inducible genes.
- L16 ANSWER 27 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI The quiescent/colorless alleles of viviparous1 show that the conserved B3 domain of **VP1** is not essential for ABA-regulated gene **expression** in the seed.
- L16 ANSWER 28 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
TI Structure and function of the **vp1** gene homologue from the resurrection **plant** Craterostigma plantagineum Hochst.

=> d l16 24,25 bib

- L16 ANSWER 24 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
AN 2000:54746 AGRICOLA
DN IND22061776
TI A bZIP factor, TRAB1, interacts with **VP1** and mediates **abscisic** acid-induced transcription.
AU Hobo, T.; Kowyama, Y.; Hattori, T.
AV DNAL (500 N21P)
SO Proceedings of the National Academy of Sciences of the United States of America, Dec 21, 1999. Vol. 96, No. 26. p. 15348-15353
Publisher: Washington, D.C. : National Academy of Sciences, CODEN: PNASA6; ISSN: 0027-8424
NTE Includes references
CY District of Columbia; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA • English
- L16 ANSWER 25 OF 28 AGRICOLA Compiled and distributed by the National Agricultural Library of the Department of Agriculture of the United States of America. It contains copyrighted materials. All rights reserved. (2005) on STN
AN 2000:39883 AGRICOLA
DN IND22037785

TI Signaling from the embryo conditinos **Vp1**-mediated repression of
 alpha-amylase genes in the aleurone of developing maize seeds.
 AU Hoecker, U.; Vasil, I.K.; McCarty, D.R.
 CS USDA Plant Gene Expression Center, Albany, CA.
 SO The Plant journal : for cell and molecular biology, Aug 1999. Vol. 19, No.
 4. p. 371-377
 Publisher: Oxford : Blackwell Sciences Ltd.
 ISSN: 0960-7412
 NTE Includes references
 CY England; United Kingdom
 DT Article
 FS Non-U.S. Imprint other than FAO
 LA English

=> d his

(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
 15:29:53 ON 04 OCT 2005

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 L3 19 S L1 AND L2
 L4 6 DUPLICATE REMOVE L3 (13 DUPLICATES REMOVED)
 L5 1347 S L1 OR L2
 L6 1328 S L5 NOT L3
 L7 1340 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1
 L8 11862 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1 OR ABI5 OR ABI-5 OR VP1 O
 L9 13 S L6 AND L8
 L10 5 DUPLICATE REMOVE L9 (8 DUPLICATES REMOVED)
 L11 11837 S L8 NOT L5
 L12 687 S L11 AND PLANT
 L13 448 S L12 AND (STRESS OR ABSCISIC)
 L14 330 S L13 AND EXPRESSION
 L15 73 S L14 AND TRANSGENIC
 L16 28 DUPLICATE REMOVE L15 (45 DUPLICATES REMOVED)

=> s (abi(w)5) and (vp(w)1)

L17 1 (ABI(W) 5) AND (VP(W) 1)

=> d l17 ti

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 TI Methods for enhancing transgenic plant stress resistance by regulating
 abscisic acid-inducible gene expression using **ABI-5**
 and Viviparous-1-like transcription factors

=> d l17 bib

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
 AN 2005:735408 CAPLUS
 DN 143:209092
 TI Methods for enhancing transgenic plant stress resistance by regulating
 abscisic acid-inducible gene expression using **ABI-5**
 and Viviparous-1-like transcription factors
 IN Rock, Christopher Dale; Gampala, Srinivas S. L.
 PA USA
 SO U.S. Pat. Appl. Publ., 12 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2005177893	A1	20050811	US 2003-629907	20030730
	US 2005193443	A1	20050901	US 2004-996058	20041124
PRAI	US 2002-399565P	P	20020730		

=> file uspatfull

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

89.07

89.28

FILE 'USPATFULL' ENTERED AT 15:40:15 ON 04 OCT 2005

CA INDEXING COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 4 Oct 2005 (20051004/PD)

FILE LAST UPDATED: 4 Oct 2005 (20051004/ED)

HIGHEST GRANTED PATENT NUMBER: US6952836

HIGHEST APPLICATION PUBLICATION NUMBER: US2005217002

CA INDEXING IS CURRENT THROUGH 4 Oct 2005 (20051004/UPCA)

ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 4 Oct 2005 (20051004/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2005

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2005

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>>> USPAT2 is now available. USPATFULL contains full text of the <<<
>>> original, i.e., the earliest published granted patents or <<<
>>> applications. USPAT2 contains full text of the latest US <<<
>>> publications, starting in 2001, for the inventions covered in <<<
>>> USPATFULL. A USPATFULL record contains not only the original <<<
>>> published document but also a list of any subsequent <<<
>>> publications. The publication number, patent kind code, and <<<
>>> publication date for all the US publications for an invention <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc. <<<
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>>> USPATFULL and USPAT2 can be accessed and searched together <<<
>>> through the new cluster USPATALL. Type FILE USPATALL to <<<
>>> enter this cluster. <<<
>>> <<<
>>> Use USPATALL when searching terms such as patent assignees, <<<
>>> classifications, or claims, that may potentially change from <<<
>>> the earliest to the latest publication. <<<
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 15:29:53 ON 04 OCT 2005

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L2      26 S (GAMPALA, S? OR GAMPALA S?)/AU
L3      19 S L1 AND L2
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L6      1328 S L5 NOT L3
L7      1340 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1
L8      11862 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1 OR ABI5 OR ABI-5 OR VP1 O
L9      13 S L6 AND L8
L10     5 DUPLICATE REMOVE L9 (8 DUPLICATES REMOVED)
L11     11837 S L8 NOT L5
L12     687 S L11 AND PLANT
L13     448 S L12 AND (STRESS OR ABSCISIC)
L14     330 S L13 AND EXPRESSION
L15     73 S L14 AND TRANSGENIC
L16     28 DUPLICATE REMOVE L15 (45 DUPLICATES REMOVED)
L17     1 S (ABI(W)5) AND (VP(W)1)
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FILE 'USPATFULL' ENTERED AT 15:40:15 ON 04 OCT 2005

=> s 13

7 ROCK, C?/AU
7 ROCK C?/AU
2 GAMPALA, S?/AU
2 GAMPALA S?/AU
1 L1 AND L2

L18

=> d 118 bib

L18 ANSWER 1 OF 1 USPATFULL on STN

AN 2005:204466 USPATFULL

TI Transcription factors and methods for introduction of value-added seed traits and stress tolerance

IN Rock, Christopher Dale, Lubbock, TX, UNITED STATES

Gampala, Srinivas S. L., Lubbock, TX, UNITED STATES

PI US 2005177893 A1 20050811

AI US 2003-629907 A1 20030730 (10)

PRAI US 2002-399565P 20020730 (60)

DT Utility

FS APPLICATION

LREP JONES, TULLAR & COOPER, P.C., P.O. BOX 2266 EADS STATION, ARLINGTON, VA, 22202, US

CLMN Number of Claims: 1

ECL Exemplary Claim: 1

DRWN 3 Drawing Page(s)

LN.CNT 581

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 15

7 ROCK, C?/AU
7 ROCK C?/AU
2 GAMPALA, S?/AU
2 GAMPALA S?/AU
8 L1 OR L2

L19

=> s 119 not 118

L20 7 L19 NOT L18

=> d 120 1-7 ti

L20 ANSWER 1 OF 7 USPATFULL on STN

TI Novel enoyl reductases and methods of use thereof

L20 ANSWER 2 OF 7 USPATFULL on STN

TI Transcription factors, DNA and methods for introduction of value-added seed traits and stress tolerance

L20 ANSWER 3 OF 7 USPATFULL on STN

TI Electronic device having multiple current outputs

L20 ANSWER 4 OF 7 USPATFULL on STN

TI Structure of beta-ketoacyl-[acyl carrier protein] synthases complexed with inhibitors and methods of use thereof

L20 ANSWER 5 OF 7 USPATFULL on STN

TI Security and safety management of commodity chemical and product information

L20 ANSWER 6 OF 7 USPATFULL on STN

TI Enoyl reductases and methods of use thereof

L20 ANSWER 7 OF 7 USPATFULL on STN

TI High-current power bus system

=> d 120 2 bib

L20 ANSWER 2 OF 7 USPATFULL on STN

AN . 2005:222704 USPATFULL
TI Transcription factors, DNA and methods for introduction of value-added
seed traits and stress tolerance
IN Dale Rock, Christopher, Lubbock, TX, UNITED STATES
Gampala, Srinivas Satyalinga, Menlo Park, CA, UNITED STATES
PA TTU D-0426 (U.S. corporation)
PI US 2005193443 A1 20050901
AI US 2004-996058 A1 20041124 (10)
RLI Continuation-in-part of Ser. No. US 2003-629907, filed on 30 Jul 2003,
PENDING
PRAI US 2002-399565P 20020730 (60)
DT Utility
FS APPLICATION
LREP JONES, TULLAR & COOPER, P.C., P.O. BOX 2266 EADS STATION, ARLINGTON, VA,
22202, US
CLMN Number of Claims: 95
ECL Exemplary Claim: 1
DRWN 3 Drawing Page(s)
LN.CNT 4845
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

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15:29:53 ON 04 OCT 2005

L1 1340 S (ROCK, C? OR ROCK C?)/AU
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L5 1347 S L1 OR L2
L6 1328 S L5 NOT L3
L7 1340 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1
L8 11862 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1 OR ABI5 OR ABI-5 OR VP1 O
L9 13 S L6 AND L8
L10 5 DUPLICATE REMOVE L9 (8 DUPLICATES REMOVED)
L11 11837 S L8 NOT L5
L12 687 S L11 AND PLANT
L13 448 S L12 AND (STRESS OR ABSCISIC)
L14 330 S L13 AND EXPRESSION
L15 73 S L14 AND TRANSGENIC
L16 28 DUPLICATE REMOVE L15 (45 DUPLICATES REMOVED)
L17 1 S (ABI(W)5) AND (VP(W)1)

FILE 'USPATFULL' ENTERED AT 15:40:15 ON 04 OCT 2005

L18 1 S L3
L19 8 S L5
L20 7 S L19 NOT L18

=> s l17

15407 ABI
4109914 5
28 ABI(W) 5
19068 VP
4249534 1
690 VP(W) 1
L21 2 (ABI(W) 5) AND (VP(W) 1)

=> d l21 1-2 ti

L21 ANSWER 1 OF 2 USPATFULL on STN
TI Transcription factors and methods for introduction of value-added seed
traits and stress tolerance

L21 ANSWER 2 OF 2 USPATFULL on STN
TI Compositions and methods for the detection, diagnosis and therapy of
hematological malignancies

=> d his

(FILE 'HOME' ENTERED AT 15:29:26 ON 04 OCT 2005)

FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT 15:29:53 ON 04 OCT 2005

L1 1340 S (ROCK, C? OR ROCK C?)/AU
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L8 11862 S ABI(W)5 OR VP(W)1 OR VIVIPAROUS(W)1 OR ABI5 OR ABI-5 OR VP1 O
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L15 73 S L14 AND TRANSGENIC
L16 28 DUPLICATE REMOVE L15 (45 DUPLICATES REMOVED)
L17 1 S (ABI(W)5) AND (VP(W)1)

FILE 'USPATFULL' ENTERED AT 15:40:15 ON 04 OCT 2005

L18 1 S L3
L19 8 S L5
L20 7 S L19 NOT L18
L21 2 S L17

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
6.12	95.40

STN INTERNATIONAL LOGOFF AT 15:42:09 ON 04 OCT 2005